

What is claimed is:

1. A grinding apparatus for use with a paper cutting mechanism, including an upper slitter unit on a rail and an associated lower slitter unit, said rail extending in a first direction, comprising, in combination:

5 a coupler receiving said rail and mounting said grinding apparatus within said paper cutting mechanism;

a motor-driven grinding wheel to engage and sharpen said lower slitter unit;

adjustable support means, interposed said coupler and said motor-driven grinder, for securing said motor-driven grinder to said coupler and for adjustably positioning said
10 motor-driven grinder relative to said lower slitter unit in said first direction.

2. A grinding apparatus as claimed in claim 1 wherein said adjustable support means adjustably positions said motor-driven grinder relative to said lower slitter unit in a second direction substantially perpendicular to said first direction.

3. A grinding apparatus as claimed in claim 2 wherein said adjustable support
15 means adjustably orients said motor-driven grinder relative to said lower slitter unit about an axis substantially perpendicular to said first direction and said second direction.

4. A grinding apparatus as claimed in claim 1 wherein said adjustable support means includes first positioning means for selectively moving said coupler with respect to said rail, whereby said the motor-driven grinder is adjusted in said first direction.

20 5. A grinding apparatus as claimed in claim 4 wherein said first positioning means includes a first gear engaging said rail.

6. A grinding apparatus as claimed in claim 4 wherein said adjustable support means adjustably positions said motor-driven grinder relative to said lower slitter unit in a second direction substantially perpendicular to said first direction.

7. A grinding apparatus as claimed in claim 6 wherein said adjustable support means includes a second positioning means for selectively moving said motor-driven grinder with respect to said coupler, whereby said motor-driven grinder is adjusted in said second direction.

5 8. A grinding apparatus as claimed in claim 7 wherein said adjustable support means adjustably orients said motor-driven grinding wheel relative to said lower splitter unit about an axis substantially perpendicular to said first direction and said second direction.